

REQUEST FOR ACCESS OF ABANDONED APPLICATION UNDER 37 CFR 1.14(a)

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In re Application of	
Application Number 08/369 522	Filed 1-5-95
Group Art Unit	Examiner Yuen dal.

Assistant Commissioner for Patents
Washington, DC 20231

Paper No. #3

I hereby request access under 37 CFR 1.14(a)(3)(iv) to the application file record of the above-identified ABANDONED application, which is: (CHECK ONE)

- ☐ (A) referred to in United States Patent Number 6028594, column _____.
- ☐ (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11, i.e., Application No. _____, filed _____, on page _____ of paper number _____.
- ☐ (C) an application that claims the benefit of the filing date of an application that is open to public inspection, i.e., Application No. _____, filed _____, or
- ☐ (D) an application in which the applicant has filed an authorization to lay open the complete application to the public.

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Unit: <u>File Information</u>

United States Patent [19]

Yuen et al.

[11] Patent Number: 6,028,599

[45] **Date of Patent:** Feb. 22, 2000

- [54] DATABASE FOR USE IN METHOD AND APPARATUS FOR DISPLAYING TELEVISION PROGRAMS AND RELATED TEXT

4,954,882	9/1990	Kanemoto	358/22
4,991,011	2/1991	Johnson et al.	358/141

(List continued on next page.)

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WO 96/13935	5/1996	WIPO .	
WO 96/17473	6/1996	WIPO .	

- [21] Appl. No.: 08/728,614
[22] Filed: Oct. 10, 1996

Related U.S. Application Data

- [63] Continuation-in-part of application No. 08/475,395, Jun. 7, 1995, which is a continuation-in-part of application No. 08/424,863, Apr. 17, 1995, abandoned, which is a continuation-in-part of application No. 08/369,522, Jan. 5, 1995, abandoned, which is a continuation-in-part of application No. 08/312,863, Sep. 27, 1994, abandoned, which is a continuation-in-part of application No. 08/298,997, Aug. 31, 1994, abandoned.

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Prevue Networks, Inc. promotional materials.
VideoGuide User's Manual.
StarSight Operating Guide and Quick Reference.
SuperGuide On Screen Satellite Program Guide, User's
Guide Owner's Manual, and sales literature.
Rundfunktechnische Mitteilungen, vol. 30, No. 1 Jan.
1986-Feb. 1986 Norderstedt (DE).
Symposium Record Cable Sessions, "Digital On-Screen
Display A New Technology for the Consumer Interface",
Publication date May, 1993.

- [51] Int. Cl.⁷ H09Y 5/445
[52] U.S. Cl. 345/327; 348/565; 348/906
[58] Field of Search 345/327; 348/6,
348/7, 8, 10, 12, 13, 565, 567, 568, 731,
734, 906

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Primary Examiner—Nathan Flynn

Attorney, Agent, or Firm—Christie, Parker & Hale, LLP

[57] **ABSTRACT**

A database consisting of inventive data structures is used to facilitate the creation of electronic program guides when used with a television program schedule system. The database is periodically updated with television program schedule information and is interrogated by a schedule system in order to create program guides.

30 Claims, 14 Drawing Sheets

PRE-ESTABLISHED TIME LIST

31

	TODAY AM				TODAY PM				TOMORROW AM				TOMORROW PM			
	12	-4	+8	-8	12	-2	+4	-6	-6	12	-2	+4	-6	-8	-12	
1	A ₁	B ₁	C ₁	D ₁	E ₁	F ₁	G ₁	H ₁	I ₁	J ₁	K ₁	L ₁				
2	A ₂	B ₂	C ₂	D ₂	L ₂	F ₂	G ₂	H ₂	I ₂	J ₂	K ₂	L ₂				
3	A ₃	B ₃	C ₃	D ₃	E ₃	F ₃	G ₃	H ₃	I ₃	J ₃	K ₃	L ₃				
4	A ₄	B ₄	C ₄	D ₄	E ₄	F ₄	G ₄	H ₄	I ₄	J ₄	K ₄	L ₄				
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N	A _N	B _N	C _N	D _N	E _N	F _N	G _N	H _N	I _N	J _N	K _N	L _N				

N-THE MAXIMUM NUMBER OF CHANNELS